WHAT IS CLAIMED IS:

1. A print system comprising:

a printer; and

a computer communicated with the printer,

wherein the printer comprises: an operation panel for receiving a print setting instruction from a user;

an operation panel controller for generating an interruption event to the computer, according to the instruction received by the operation panel; and

a printer engine for performing printing, and wherein the computer comprises:

detecting means for detecting the interruption event from an external device; and

a display control unit for displaying a print preview in which a print setting is reflected in real time, in response to detecting the interruption event by the detecting means.

2. A print system according to claim 1, wherein the computer further comprises a control unit for generating print data reflecting the print setting, and performing a print request to the printer.

3. A print system according to claim 1, wherein the computer further comprises:

a receiving unit for receiving the interruption

event;

a print setting management unit for managing the print setting instructed with the operation panel;

5   an image data management unit for receiving and managing image data from a memory card attached to the printer;

a print control unit; and

a print data generation unit.

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4. A print system according to claim 3, wherein the print data generation unit converts the image data from the image data management unit to print data based on information from the print setting

15   management unit, and sends the generated print data to the printer.

5. A print system according to claim 1, wherein the printer includes a direct print controller for

20   executing printing without an intermediation of the computer so that printing is executable with the printer alone.

6. A print system according to claim 5, wherein

25   the printer solely executes print processing, according to an instruction from the print control unit of the computer.

7. A print system according to claim 5, wherein, when printing cannot be executed using the print data from the print data generation unit, the computer requests the printer to switch to direct print
5 processing without the intermediation of the computer.

8. A print system comprising a printer and a host computer communicably connected with each other via a printer driver, the printer and the host
10 computer each including a communication interface for mutually sending and receiving information in real time, the print system comprising:
detecting means for detecting an interruption event transferred from the printer to the host
15 computer, each time an instruction is given using a button arranged on an operation panel provided to the printer; and
print preview display means for, in response to the interruption event detected by the detecting
20 means, obtaining image data read out from a memory card attachable to the printer, and a print setting set using the operation panel, and controlling a print preview display in which the print setting is reflected in real time to a display device of the
25 host computer, and an update display of the print preview display.

9. An information processing device connected communicably with a printer including a communication interface for mutually sending and receiving information in real time, the information processing device comprising:

detecting means for detecting an interruption event transferred from the printer, each time an instruction is given using a preview button arranged on an operation panel provided to the printer; and

print preview display means for, in response to the interruption event detected by the detecting means, obtaining image data read out from a memory card attachable to the printer, and a print setting set using the operation panel, and controlling a print preview display in which the print setting is reflected in real time to a display device, and an update display of the print preview display.

10. A printer communicable with an information processing device including a communication interface for sending and receiving information in real time, the printer comprising:

a first transferring means for transferring to the information processing device an interruption event transferred from the printer, each time an instruction is given using a preview button arranged on an operation panel; and

a second transferring means for transferring

image data read out from an attachable memory card,

and a print setting that is set using the operation

panel, based on a request from the information

5   processing device, in response to the interruption

event.

    11. A control method for a print system

comprising a printer and a computer communicably

10   connected with each other via a printer driver, the

printer and the computer each including a

communication interface for mutually sending and

receiving information in real time, the control

method comprising:

15   detecting an interruption event transferred

from the printer to the computer, each time an

instruction is given using a predetermined button

provided to the printer; and

       controlling a print preview display so as to in

20   response to the interruption event detected by the

detecting, obtain image data read out from a memory

card attachable to the printer, and a print setting

set using the operation panel, and control a print

preview display in which the print setting is

25   reflected to a display device of the computer, and an

update display of the print preview display.

12. A control method for an information
processing device connected communicably with a
printer including a communication interface for
sending and receiving information in real time, the
5 control method comprising:

detecting an interruption event transferred
from the printer, each time an instruction is given
using a button provided to the printer; and

controlling a print preview display so as to in
10 response to the interruption event detected by the
detecting, obtain image data read out from a memory
card attachable to the printer, and a print setting
set using the operation panel, and control a print
preview display in which the print setting is
15 reflected in real time to a display device, and an
update display of the print preview display.

13. A control method for a printer communicable
with an information processing device including a
20 communication interface for sending and receiving
information in real time, the control method
comprising:

transferring to the information processing
device an interruption event transferred from the
25 printer, each time an instruction is given using a
button arranged; and

transferring image data read out from an

attachable memory card, and a print setting that is
set using the operation panel, based on a request
from the information processing device, in response
to the interruption event.

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    14. A storage medium for computer-readably
storing a program that is used for implementing a
control method for a print system comprising a
printer and a computer communicably connected with
10   each other via a printer driver, the printer and the
computer each including a communication interface for
mutually sending and receiving information in real
time, the control method comprising:
    detecting an interruption event transferred
15   from the printer to the computer, each time an
instruction is given using a predetermined button
provided to the printer; and
    controlling a print preview display so as to in
response to the interruption event detected by the
20   detecting, obtain image data read out from a memory
card attachable to the printer, and a print setting
set using the operation panel, and control a print
preview display in which the print setting is
reflected to a display device of the computer, and an
25   update display of the print preview display.

    15. A storage medium for computer-reabably

storing a program that is used for implementing a
control method for an information processing device
connected communicably with a printer including a
communication interface for sending and receiving
5   information in real time, the control method
comprising:

detecting an interruption event transferred
from the printer, each time an instruction is given
using a button provided to the printer; and
10   controlling a print preview display so as to in
response to the interruption event detected by the
detecting, obtain image data read out from a memory
card attachable to the printer, and a print setting
set using the operation panel, and control a print
15   preview display in which the print setting is
reflected in real time to a display device, and an
update display of the print preview display.

16. A storage medium for computer-readably
20   storing a program that is used for implementing a
control method for a printer communicable with an
information processing device including a
communication interface for sending and receiving
information in real time, the control method
25   comprising:

transferring to the information processing
device an interruption event transferred from the

printer, each time an instruction is given using a button arranged; and

transferring image data read out from an attachable memory card, and a print setting that is set using the operation panel, based on a request from the information processing device, in response to the interruption event.

17. A program that is used for implementing a control method for a print system comprising a printer and a computer communicably connected with each other via a printer driver each including a communication interface for mutually sending and receiving information in real time, the control method comprising:

detecting an interruption event transferred from the printer to the computer, each time an instruction is given using a predetermined button provided to the printer; and

controlling a print preview display so as to in response to the interruption event detected by the detecting, obtain image data read out from a memory card attachable to the printer, and a print setting set using the operation panel, and control a print preview display in which the print setting is reflected to a display device of the computer, and an update display of the print preview display.

18. A program that is used for implementing a control method for an information processing device connected communicably with a printer including a communication interface for sending and receiving

5   information in real time, the control method comprising:

detecting an interruption event transferred from the printer, each time an instruction is given using a button provided to the printer; and

10   controlling a print preview display so as to in response to the interruption event detected by the detecting, obtain image data read out from a memory card attachable to the printer, and a print setting set using the operation panel, and control a print

15   preview display in which the print setting is reflected in real time to a display device, and an update display of the print preview display.

19. A program that is used for implementing a

20   control method for a printer communicable with an information processing device including a communication interface for sending and receiving information in real time, the control method comprising:

25   transferring to the information processing device an interruption event transferred from the printer, each time an instruction is given using a

button arranged; and

transferring image data read out from an
attachable memory card, and a print setting that is
set using the operation panel, based on a request
5   from the information processing device, in response
to the interruption event.